BRUHATH BENGALURU MAHANAGARA PALIKE

BYATARAYANAPURA DIVISION

Name of Work: Improvements to roads and main and cross roads of Kodigehalli and surrounding areas in Ward No.8 Kodigehalli

Pre Measurement Sheet

1st and Final Bill

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000070

Measurement Recorded on :

Item No.	**1**	24/11/2020
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and. trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.specification. No. KBS 2.1 (a) / 2.3.1	

Sl No	**CHAINAGE** / **Land Mark**		**No**	**L** (m)	**B** (m)	**D** (m)	**Qty**	**Remarks**
	For RCC drain							
	2nd Cross Balaji Layout Westerten side							
	LHS		1	30.00	1.00	1.00	30.00	
			1	30.00	1.00	1.00	30.00	
			1	20.00	1.00	1.00	20.00	
	RHS		1	30.00	1.00	1.00	30.00	
			1	30.00	1.00	1.00	30.00	
			1	20.00	1.00	1.00	20.00	
	3rd Cross Westernside Balaji Layout							
	LHS		1	30.00	1.00	1.00	30.00	
			1	30.00	1.00	1.00	30.00	
			1	20.00	1.00	1.00	20.00	
	RHS		1	30.00	1.00	1.00	30.00	
			1	30.00	1.00	1.00	30.00	
			1	20.00	1.00	1.00	20.00	
	3rd Cross Easternside Balaji Layout							
	LHS		1	30.00	1.00	1.10	33.00	
			1	30.00	1.00	1.10	33.00	
			1	6.00	1.00	1.10	6.60	
	LHS		1	30.00	1.00	1.10	33.00	
			1	30.00	1.00	1.10	33.00	
			1	6.00	1.00	1.10	6.60	
	Cross Road							
	LHS		1	30.00	1.00	1.10	33.00	
			1	15.00	1.00	1.10	16.50	
	RHS		1	30.00	1.00	1.10	33.00	
			1	15.00	1.00	1.10	16.50	
	Culverts							
	6th cross Road castrenside							
			1	5.00	1.60	1.35	10.80	

Cafe CP 24/11/20

575.00

Sl No	CHAINAGE	No	L	B	D	Qty	Remarks
	Land Mark		(m)	(m)	(m)		
	6th cross Road Westrenside						
		1	5.10	1.60	1.35	11.02	
	4th Cross Westernside Balaji Layout						
		1	5.20	1.60	1.35	11.23	
	4th Cross Easternside Balaji Layout						
		1	5.40	1.60	1.35	11.66	
	3rd Cross Easternside Balaji Layout						
		1	5.40	1.60	1.35	11.66	
	5th cross Road eastrenside						
		1	5.00	1.60	1.35	10.80	
	6th Main road Balaji Layout						
		1	6.50	1.60	1.35	14.04	70.42
	Total Executed Quantity					645.42	Cum
	Limited to Schedule B Quantity					644.56	Cum

Contractor

Asst Engineer
Ward No 08

Asst Executive Engineer
Kodigehalli sub-division

BRUHATH BENGALURU MAHANAGARA PALIKE

HEBBAL DIVISION

Name of Work: Improvements to roads and main and cross roads of Kodigehalli and surrounding areas in Ward No.8 Kodigehalli

Pre Measurement Sheet

1st and Final Bill

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000070

Measurement Recorded on : 26/11/2020

Item No.	3
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2

Sl No	CHAINAGE / Land Mark		No	L (m)	B (m)	D (m)	Qty	Remarks
	For RCC drain							
	2nd Cross Balaji Layout Westerten side							
	LHS		1	30.00	1.00	0.15	4.50	
			1	30.00	1.00	0.15	4.50	
			1	20.00	1.00	0.15	3.00	
	RHS		1	30.00	1.00	0.15	4.50	
			1	30.00	1.00	0.15	4.50	
			1	20.00	1.00	0.15	3.00	
	3rd Cross Westernside Balaji Layout							
	LHS		1	30.00	1.00	0.15	4.50	
			1	30.00	1.00	0.15	4.50	
			1	20.00	1.00	0.15	3.00	
	RHS		1	30.00	1.00	0.15	4.50	
			1	30.00	1.00	0.15	4.50	
			1	20.00	1.00	0.15	3.00	
	3rd Cross Easternside Balaji Layout							
	LHS		1	30.00	1.00	0.15	4.50	
			1	30.00	1.00	0.15	4.50	
			1	6.00	1.00	0.15	0.90	
	LHS		1	30.00	1.00	0.15	4.50	
			1	30.00	1.00	0.15	4.50	
			1	6.00	1.00	0.15	0.90	
	Cross road							
	LHS		1	30.00	1.00	0.15	4.50	
			1	15.00	1.00	0.15	2.25	
	RHS		1	30.00	1.00	0.15	4.50	
			1	15.00	1.00	0.15	2.25	
	Culverts							
	6th cross Road eastrenside							

81.30

Sl No	CHAINAGE Land Mark	No	L (m)	B (m)	D (m)	Qty	Remarks
		1	5.00	1.60	0.15	1.20	
	6th cross Road Westrenside						
		1	5.10	1.60	0.15	1.22	
	4th Cross Westernside Balaji Layout						
		1	5.20	1.60	0.15	1.25	
	4th Cross Easternside Balaji Layout						
		1	5.40	1.60	0.15	1.30	
	3rd Cross Easternside Balaji Layout						
		1	5.40	1.60	0.15	1.30	
	5th cross Road eastrenside						
		1	5.00	1.60	0.15	1.20	
	6th Main road Balaji Layout						
		1	6.50	1.60	0.15	1.56	9.02
	Total Executed Quantity					90.32	Cum
	Limited to Schedule B Quantity					89.34	Cum

Contractor

Asst Engineer
Ward No 08

Asst Executive Engineer
Kodigehalli sub-division

BRUHATH BENGALURU MAHANAGARA PALIKE

HEBBAL DIVISION

Name of Work: Improvements to roads and main and cross roads of Kodigehalli and surrounding areas in Ward No.8 Kodigehalli

Pre Measurement Sheet

1st and Final Bill

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000070

Measurement Recorded on :

Item No.	6	28/11/2020

6 — KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - do - TMT bars Fe 500

Sl No	CHAINAGE / Land Mark	No	No of Bars	Length of bar	Co-Eff	Qty	Remarks
	For Drain						
	2nd Cross Balaji Layout Westerten side						
	U-Shape Main Bars						
	10mm dia @125mm C to C						
		2	641.00	2.15	0.62	1708.91	
	Distrubution bars						
	8mm dia @125mm C to C						
		2	18.00	79.80	0.39	1120.39	
	3rd Cross Westernside Balaji Layout						
	U-Shape Main Bars						
	10mm dia @100mm C to C						
		2	801.00	2.15	0.62	2135.47	
	Distrubution bars						
	8mm dia @125mm C to C						
		2	18.00	79.80	0.39	1120.39	
	3rd Cross Easternside Balaji Layout						
	U-Shape Main Bars						
	10mm dia @110mm C to C						
		2	591.00	2.15	0.62	1575.61	
	Distrubution bars						
	8mm dia @125mm C to C						
		2	18.00	64.80	0.39	909.79	
	Cross road						
	U-Shape Main Bars						
	10mm dia @125mm C to C						
		2	361.00	2.15	0.62	962.43	
	Distrubution bars						
	8mm dia @125mm C to C						
		2	18.00	44.80	0.39	628.99	

10161.97

Sl No	CHAINAGE / Land Mark	No	No of Bars	Length of bar	Co-Eff	Qty	Remarks
	For culvert						
	6th cross Road eastrenside						
	For Raft						
	Bottom Bars						
	12mm dia @125mm C to C						
		1	41.00	1.50	0.89	54.74	
	Distrubution bars						
	10mm dia @125mm C to C						
		1	13.00	4.90	0.39	24.84	
	Top Bars						
	12mm dia @125mm C to C						
		1	41.00	1.50	0.89	54.74	
	Distrubution bars						
	10mm dia @125mm C to C						
		1	13.00	4.90	0.39	24.84	
	For side Wall						
	Inner Bars						
	12mm dia @125mm C to C						
		2	41.00	1.00	0.89	72.98	
	Distrubution bars						
	10mm dia @125mm C to C						
		2	9.00	4.90	0.39	34.40	
	Outer Bars						
	12mm dia @125mm C to C						
		2	41.00	1.00	0.89	72.98	
	Distrubution bars						
	10mm dia @125mm C to C						
		2	9.00	4.90	0.39	34.40	
	6th cross Road Westrenside						
	For Raft						
	Bottom Bars						
	12mm dia @125mm C to C						
		1	44.00	1.50	0.89	58.74	
	Distrubution bars						
	10mm dia @125mm C to C						
		1	13.00	5.00	0.39	25.35	
	Top Bars						
	12mm dia @125mm C to C						
		1	44.00	1.50	0.89	58.74	
	Distrubution bars						
	10mm dia @125mm C to C						
		1	13.00	5.00	0.39	25.35	
	For side Wall						
	Inner Bars						
	12mm dia @125mm C to C						
		2	44.00	1.00	0.89	78.32	

620.41

Sl No	CHAINAGE / Land Mark	No	No of Bars	Length of bar	Co-Eff	Qty	Remarks
	Distrubution bars						
	10mm dia @125mm C to C						
		2	9.00	4.90	0.39	34.40	
	Outer Bars						
	12mm dia @125mm C to C						
		2	44.00	1.00	0.89	78.32	
	Distrubution bars						
	10mm dia @125mm C to C						
		2	9.00	4.90	0.39	34.40	
	4th Cross Westernside Balaji Layout						
	For Raft						
	Bottom Bars						
	12mm dia @125mm C to C						
		1	44.00	1.50	0.89	58.74	
	Distrubution bars						
	10mm dia @125mm C to C						
		1	13.00	5.00	0.39	25.35	
	Top Bars						
	12mm dia @125mm C to C						
		1	44.00	1.50	0.89	58.74	
	Distrubution bars						
	10mm dia @125mm C to C						
		1	13.00	5.00	0.39	25.35	
	For side Wall						
	Inner Bars						
	12mm dia @125mm C to C						
		2	44.00	1.00	0.89	78.32	
	Distrubution bars						
	10mm dia @125mm C to C						
		2	9.00	4.90	0.39	34.40	
	Outer Bars						
	12mm dia @125mm C to C						
		2	44.00	1.00	0.89	78.32	
	Distrubution bars						
	10mm dia @125mm C to C						
		2	9.00	4.90	0.39	34.40	
	4th Cross Easternside Balaji Layout						
	For Raft						
	Bottom Bars						
	12mm dia @125mm C to C						
		1	44.00	1.50	0.89	58.74	
	Distrubution bars						
	10mm dia @125mm C to C						
		1	13.00	5.30	0.39	26.87	
	Top Bars						
	12mm dia @125mm C to C						

626.34

Sl No	CHAINAGE Land Mark	No	No of Bars	Length of bar	Co-Eff	Qty	Remarks
		1	44.00	1.50	0.89	58.74	
	Distrubution bars						
	10mm dia @125mm C to C						
		1	13.00	5.30	0.39	26.87	
	For side Wall						
	Inner Bars						
	12mm dia @125mm C to C						
		2	44.00	1.00	0.89	78.32	
	Distrubution bars						
	10mm dia @125mm C to C						
		2	9.00	5.30	0.39	37.21	
	Outer Bars						
	12mm dia @125mm C to C						
		2	44.00	1.00	0.89	78.32	
	Distrubution bars						
	10mm dia @125mm C to C						
		2	9.00	5.30	0.39	37.21	
	3rd Cross Easternside Balaji Layout						
	For Raft						
	Bottom Bars						
	12mm dia @125mm C to C						
		1	44.00	1.50	0.89	58.74	
	Distrubution bars						
	10mm dia @125mm C to C						
		1	13.00	5.30	0.62	42.72	
	Top Bars						
	12mm dia @125mm C to C						
		1	44.00	1.50	0.89	58.74	
	Distrubution bars						
	10mm dia @125mm C to C						
		1	13.00	5.30	0.62	42.72	
	For side Wall						
	Inner Bars						
	12mm dia @125mm C to C						
		2	44.00	1.00	0.89	78.32	
	Distrubution bars						
	10mm dia @125mm C to C						
		2	9.00	5.30	0.62	59.15	
	Outer Bars						
	12mm dia @125mm C to C						
		2	44.00	1.00	0.89	78.32	
	Distrubution bars						
	10mm dia @125mm C to C						
		2	9.00	5.30	0.62	59.15	
	5th cross Road eastrenside						
	For Raft						

794.52

Sl No	CHAINAGE / Land Mark	No	No of Bars	Length of bar	Co-Eff	Qty	Remarks
	Bottom Bars						
	12mm dia @125mm C to C						
		1	44.00	1.50	0.89	58.74	
	Distrubution bars						
	10mm dia @125mm C to C						
		1	13.00	5.30	0.62	42.72	
	Top Bars						
	12mm dia @125mm C to C						
		1	44.00	1.50	0.89	58.74	
	Distrubution bars						
	10mm dia @125mm C to C						
		1	13.00	5.30	0.62	42.72	
	For side Wall						
	Inner Bars						
	12mm dia @125mm C to C						
		2	44.00	1.00	0.89	78.32	
	Distrubution bars						
	10mm dia @125mm C to C						
		2	9.00	5.30	0.62	59.15	
	Outer Bars						
	12mm dia @125mm C to C						
		2	44.00	1.00	0.89	78.32	
	Distrubution bars						
	10mm dia @125mm C to C						
		2	9.00	5.30	0.62	59.15	
	6th Main road Balaji Layout						
	For Raft						
	Bottom Bars						
	12mm dia @125mm C to C						
		1	53.00	1.50	0.89	70.76	
	Distrubution bars						
	10mm dia @125mm C to C						
		1	13.00	6.40	0.62	51.58	
	Top Bars						
	12mm dia @125mm C to C						
		1	53.00	1.50	0.89	70.76	
	Distrubution bars						
	10mm dia @125mm C to C						
		1	13.00	6.40	0.62	51.58	
	For side Wall						
	Inner Bars						
	12mm dia @125mm C to C						
		2	53.00	1.00	0.89	94.34	
	Distrubution bars						
	10mm dia @125mm C to C						
		2	9.00	6.40	0.62	71.42	

888.29

Sl No	CHAINAGE Land Mark	No	No of Bars	Length of bar	Co-Eff	Qty	Remarks
	Outer Bars						
	12mm dia @125mm C to C						
		2	53.00	1.00	0.89	94.34	
	Distrubution bars						
	10mm dia @125mm C to C						
		2	9.00	6.40	0.62	71.42	165.76
					13269.29	**13257.30**	**KG**
	Total Executed Quantity					**13.26**	**MT**
	Limited to Schedule B Quantity					**13.11**	**MT**

28/11/20

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

Asst Engineer
Ward No 08

Asst Executive Engineer
Kodigehalli sub-division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHATH BENGALURU MAHANAGARA PALIKE

HEBBAL DIVISION

Name of Work: Improvements to roads and main and cross roads of Kodigehalli and surrounding areas in Ward No.8 Kodigehalli

Pre Measurement Sheet

1st and Final Bill

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000070

Measurement Recorded on : 8/12/2020

Item No.	5	
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	

Sl No	CHAINAGE / Land Mark		No	L (m)	B (m)	D (m)	Qty	Remarks
	For Side Walls							
	2nd Cross Balaji Layout Westerten side							
	LHS		2*2	30.00		0.60	72.00	
			2*2	30.00		0.60	72.00	
			2*2	20.00		0.60	48.00	
	RHS		2*2	30.00		0.60	72.00	
			2*2	30.00		0.60	72.00	
			2*2	20.00		0.60	48.00	
	3rd Cross Westernside Balaji Layout							
	LHS		2*2	30.00		0.75	90.00	
			2*2	30.00		0.75	90.00	
			2*2	20.00		0.75	60.00	
	RHS		2*2	30.00		0.75	90.00	
			2*2	30.00		0.75	90.00	
			2*2	20.00		0.75	60.00	
	3rd Cross Easternside Balaji Layout							
	LHS		2*2	30.00		0.75	90.00	
			2*2	30.00		0.75	90.00	
			2*2	6.00		0.75	18.00	
	LHS		2*2	30.00		0.75	90.00	
			2*2	30.00		0.75	90.00	
			2*2	6.00		0.75	18.00	
	Cross road							
	LHS		2*2	30.00		0.60	72.00	
			2*2	15.00		0.60	36.00	
	RHS		2*2	30.00		0.60	72.00	
			2*2	15.00		0.60	36.00	
	Culverts							
	6th cross Road eastrenside							
			2*2	5.00		0.90	18.00	
	6th cross Road Westrenside							
			2*2	5.10		0.90	18.36	

1512.36

Sl No	CHAINAGE		No	L	B	D	Qty	Remarks
	Land Mark			(m)	(m)	(m)		
	4th Cross Westernside Balaji Layout							
			2*2	5.20		0.90	18.72	
	4th Cross Easternside Balaji Layout							
			2*2	5.40		0.90	19.44	
	3rd Cross Easternside Balaji Layout							
			2*2	5.40		0.90	19.44	
	5th cross Road eastrenside							
			2*2	5.00		0.90	18.00	
	6th Main road Balaji Layout							
			2*2	6.50		0.90	23.40	9900
	Total Executed Quantity						1611.36	Sqm
	Limited to Schedule B Quantity						1593.60	Sqm

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

Asst Engineer
Ward No 08

Asst Executive Engineer
Kodigehalli sub-division

BRUHATH BENGALURU MAHANAGARA PALIKE

HEBBAL DIVISION

Name of Work: Improvements to roads and main and cross roads of Kodigehalli and surrounding areas in Ward No.8 Kodigehalli

Pre Measurement Sheet

1st and Final Bill

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000070

Measurement Recorded on : 9-12-2020

Item No.	2						
2	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Ranker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH-100/ Chapter 1						
Sl No	**CHAINAGE** / **Land Mark**	**No**	**L** (m)	**B** (m)	**D** (m)	**Qty**	**Remarks**
	Qty Vide Item No 1					**645.42**	
	(page 1-2 of pre) **Total Executed Quantity**					**645.42**	**Cum**
	Limited to Schedule B Quantity					**644.56**	**Cum**

9/12/20

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore